

Claims

- [c1] 1. A tandem wheel chock for preventing rotation of a pair of tandem wheels and for alternatively supporting a trailer tongue wheel above the ground, the chock comprising:
- a first wheel supporting surface operable to be at least partially placed under one of the tandem wheels;
 - a second wheel supporting surface, opposed to the first wheel supporting surface, the second wheel supporting surface operable to be at least partially placed under the other one of the tandem wheels;
 - a pair of sidewalls connecting the first wheel supporting surface and second wheel supporting surface;
 - a top surface extending between the sidewalls, the top surface including a depression operable to support the trailer tongue wheel,
 - at least one of the surfaces including a first open rim; and
 - a first substantially hollow supporting leg projecting from and being in communication with the first open rim, the first substantially hollow leg being operable to support the depression above the ground.
- [c2] 2. The tandem wheel chock of claim 1,
- the first substantially hollow supporting leg being tapered such that its cross section is greatest at the first open rim.
- [c3] 3. The tandem wheel chock of claim 1,
- the first wheel supporting surface extending to the top surface, and
- the second wheel supporting surface extending to the top surface.
- [c4] 4. The tandem wheel chock of claim 3,
- the depression being positioned between the wheel supporting surfaces.

- [c5] 5. The tandem wheel chock of claim 3,
the first wheel supporting surface including a second open rim, and
the second wheel supporting surface including a third open rim.
- [c6] 6. The tandem wheel chock of claim 5;
a second substantially hollow supporting leg projecting from and being in
communication with the second open rim; and
a third substantially hollow supporting leg projecting from and being in
communication with the third open rim.
- [c7] 7. The tandem wheel chock of claim 6,
the second substantially hollow supporting leg being tapered such that its
cross section is greatest at the second open rim, and
the third substantially hollow supporting leg being tapered such that its
cross section is greatest at the third open rim.
- [c8] 8. The tandem wheel chock of claim 1,
the first open rim being positioned on the top surface.
- [c9] 9. The tandem wheel chock of claim 8,
the first open rim being positioned at the bottom of the depression.
- [c10] 10. The tandem wheel chock of claim 1,
the depression being arcuate.
- [c11] 11. A pair of tandem wheel chocks for preventing rotation of a pair of
tandem wheels and for alternatively supporting a trailer tongue wheel,
each of said chocks comprising:
a first wheel supporting surface operable to be at least partially placed
under one of the tandem wheels;
a second wheel supporting surface opposed to the first wheel supporting

surface, the second wheel supporting surface operable to be at least partially placed under the other one of the tandem wheels;
a pair of sidewalls connecting the first wheel supporting surface and second wheel supporting surface;
a top surface extending between the sidewalls, the top surface operable to support the trailer tongue wheel;
a first open rim positioned on the top surface; and
a first substantially hollow supporting leg projecting from and being in communication with the first open rim to support the chock, wherein the first substantially hollow supporting leg of one of the chocks can be at least partially received through the first open rim of the other chock to enable nesting of the pair of chocks.

[c12] 12. The tandem wheel chocks of claim 11,
the first substantially hollow supporting leg being tapered such that its cross section is greatest at the first open rim.

[c13] 13. The tandem wheel chocks of claim 11,
the first wheel supporting surface extending to the top surface, and
the second wheel supporting surface extending to the top surface.

[c14] 14. The tandem wheel chocks of claim 13,
the first wheel supporting surface including a second open rim, and
the second wheel supporting surface including a third open rim.

[c15] 15. The tandem wheel chocks of claim 14,
the chocks including-
a second substantially hollow supporting leg projecting from
and being in communication with the second open rim, and
a third substantially hollow supporting leg projecting from and

being in communication with the third open rim.

- [c16] 16. The tandem wheel chocks of claim 15,
the second substantially hollow supporting leg being tapered such that its cross section is greatest at the second open rim, and
the third substantially hollow supporting leg being tapered such that its cross section is greatest at the third open rim.
- [c17] 17. The tandem wheel chocks of claim 15,
the second substantially hollow supporting leg of one of the chocks being sized and dimensioned to be at least partially received through the second open rim of the other chock, and
the third substantially hollow supporting leg of said one of the chocks being sized and dimensioned to be at least partially received through the third open rim of said other chock to enable nesting of the pair of chocks.
- [c18] 18. The tandem wheel chocks of claim 11,
the top surface including an arcuate depression operable to support the trailer tongue wheel.
- [c19] 19. The tandem wheel chock of claim 18,
the first open rim being positioned at the base of the arcuate depression.
- [c20] 20. A tandem wheel chock for preventing rotation of a wheel, the chock comprising:
a first wheel supporting surface having a first arcuate leading edge, the first leading edge being operable to engage the wheel when at least a portion of the first wheel supporting surface is placed under the wheel;
a second wheel supporting surface opposed to the first wheel supporting surface, the second wheel supporting surface having a second arcuate leading edge, the second leading edge being operable to engage the

wheel when at least a portion of the second wheel supporting surface is placed under the wheel;
a pair of sidewalls connecting the first wheel supporting surface and second wheel supporting surface; and
a top surface extending between the sidewalls.

[c21] 21. The chock of claim 20,
the first arcuate leading edge forming a first recessed mid-section on the first wheel supporting surface, and
the second arcuate leading edge forming a second recessed mid-section on the second wheel supporting surface.

[c22] 22. The chock of claim 20,
the first wheel supporting extending from the first leading edge to the top surface, and
the second wheel supporting surface extending from the second leading edge to the top surface.

[c23] 23. The chock of claim 20,
the top surface being operable to support a trailer tongue.

[c24] 24. The chock of claim 23,
the top surface being operable to support a trailer tongue wheel and prevent rotation of the trailer tongue wheel.

[c25] 25. The chock of claim 24,
the top surface including an arcuate depression to support the trailer tongue wheel.

[c26] 26. A pair of tandem wheel chocks for preventing rotation of a pair of tandem wheels and for alternatively supporting a trailer tongue wheel,

each of said chocks comprising:

a first generally arcuate wheel supporting surface having an first arcuate leading edge, the first leading edge being operable to engage one of the wheels when at least a portion of the first wheel supporting surface is placed under said one of the wheels;

a second generally arcuate wheel supporting surface opposed to the first wheel supporting surface, the second wheel supporting surface having a second arcuate leading edge, the second leading edge being operable to engage the other one of the wheels when at least a portion of the second wheel supporting surface is placed under said other one of the wheels;

a pair of sidewalls connecting the first wheel supporting surface and second wheel supporting surface;

a top surface extending between the sidewalls, the top surface operable to support the trailer tongue,

a surface area defined by the top surface, the first wheel-supporting surface and the second wheel-supporting surface,

an interior chamber, having at least a partially open face, the interior chamber defined between the first leading edge, the second leading edge, the first wheel-supporting surface, the second wheel-supporting surface, and the top surface; and

wherein the open face has an area greater than the surface area so that the top surface, first wheel-supporting surface, and second wheel-supporting surface of one of the chocks can be received through the open face and at least partially within the interior chamber of the other chock to enable nesting of the pair of chocks.

[c27]

27. The chocks of claim 26,

the first arcuate leading edge forming a first recessed mid-section on the

first wheel supporting surface, and
the second arcuate leading edge forming a second recessed mid-section
on the second wheel supporting surface.

- [c28] 28. The chocks of claim 26,
the chock including-
- at least one substantially hollow supporting leg extending
through the internal chamber between the surface area and
the open face.
- [c29] 29. The chocks of claim 26,
the top surface including an arcuate depression to support a trailer
tongue wheel.
- [c30] 30. A method of temporarily preventing rotation of a tandem trailer wheel
and of simultaneously supporting a trailer tongue utilizing a pair of wheel
chocks, the method comprising the steps of:
- (a) placing one of the chocks under the tandem trailer wheel to prevent
rotation of the wheel;
 - (b) placing the other one of the chocks under the trailer tongue to support
the trailer tongue; and
 - (c) removing both chocks and nesting the chocks together.
- [c31] 31. The method of claim 30,
each chock including at least one leg and at least one open rim.
- [c32] 32. The method of claim 31,
step (c) including the step of inserting the at least one leg of one of the
chocks primarily into the at least one open rim of the other chock.